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MINISTRY OF PUBLIC HEALTH

OPHTHALMIC SECTION

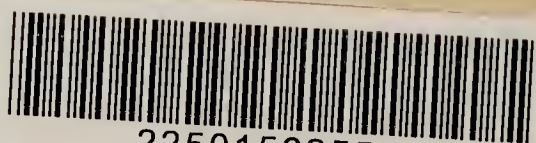
REPORT
FOR THE YEAR 1950



GOVERNMENT PRESS, CAIRO, 1953

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Annual Report

Work done by The Ophthalmic Section during 1950

New Units :

(a) Hospitals : —

(b) Branches : Bihout. Itiay-El Barud. thus making the total number of units :

Permanent	91
Travelling	15
	106

Clinical Work :

The following table shows the clinical work done during 1950 compared with that done during 1949 :

	1949	1950
New patients	1,287,666	1,445,921
Out-patients	5,436,740	5,698,972
Number of out-patient visits ...	6,774,156	7,208,525
Operations	207,190	210,773
Ophthalmias	305,140	313,064

Blindness :

Number of cases of blindness including cataract cases is 41,289 (ratio percentage : 2·7) ; while the number of cases of blindness excluding cataract cases is 38,792 (ratio percentage : 2·5).

Other Services :

1.—Ophthalmologists pay regular visits to the following institutions and hospitals to examine and treat ophthalmic cases :

- (a) Leprosy Hospitals at Sioufia and Abu-Zaabal.
- (b) Mental Diseases Hospitals at Abbassia and Khanka.
- (c) Fever Hospitals at Abbassia and Imbaba.
- (d) Convalescent Hospital at Marg.
- (e) Children's Preventorium at Giza & Marg.
- (f) Mataria Dispensary.
- (g) Chronic Disease Hospital at Helwan.

2. The ophthalmologists of the Section participate examining motor-car drivers at Abbassia and regional traffic offices.

They are also members at local medical commissions.

3.—During pilgrimage a medical mission including two ophthalmologists is sent to Higaz for the examination and treatment of pilgrims at Mecca and Medina.

4.—Ophthalmologists of other administrations are accepted to work at ophthalmic hospitals to enlarge their knowledge and enable them to keep pace with recent advances, and to perform different ophthalmic operations. The Section also provides the ophthalmic units in other ministries with surgeons who have been trained in hospitals of the Section.

5.—Assistant midwives and health visitors of the rural health centres are also trained in the various hospitals of the Section so as to be furnished with sufficient knowledge on the treatment and the aetiology of the prevalent eye conditions, especially the ophthalmias, and to teach the villagers the preliminaries of ocular hygiene and prophylaxis.

Post Graduate Course :

Every year the Section organises post graduate instructions for its new medical officers who study for the Diploma in Ophthalmic Medicine and Surgery at Foad I. University.

Nursing Staff :

The Section is going ahead with its policy of replacing male attendants with nurses, as much as the budget permits until nursing will be fully carried out by female nurses in all the ophthalmic units.

Accommodation :

The number of beds in all units is 2,309. The Ministry is endeavouring to increase in-patient accommodation.

Ophthalmic Library :

The Section has a circulating library which is kept provided with old and most recent books and monographs on ophthalmology. Surgeons are thus kept in touch with all recent advances in ophthalmology, their standard is consequently raised. This library is located at Rod-el-Farag Ophthalmic Hospital, and contains also many current journals on ophthalmology. Important books are furnished in extra copies so as to facilitate their circulation to the surgeons.

Apparatus and Instruments :

The Ministry takes special interest in providing ophthalmic units with modern instruments and appliances to enable them to keep pace with ophthalmic development.

Director Ophthalmic Section.

A. F. ABBASI

TABLE 1.—WORK DONE

1. IN-PATIENTS : TOTAL NUMBER ...	35,449	3. OUT-PATIENTS (continued) :	
Number of diets issued	568,476	IX.—Spectacles ordered	2,728
2.—OPERATIONS :		X.—Constant wash cases (number of days treatment)	1,714,115
I. Major :		XI.—Ages of patients examined :	
(a) Senile Cataract	2,577	Under one year	87,681
(b) Soft Cataract	320	From 1 to 5 years	171,454
(c) Trichiasis or entropion ...	54,528	„ 6 to 10 „	109,137
(d) Other operations	15,664	„ 11 to 15 „	139,853
TOTAL	73,089	„ 16 to 20 „	125,039
II.—Minor (including mechanical treatment of trachoma)	137,684	„ 21 to 25 „	126,773
GRAND TOTAL, MAJOR AND MINOR OPERATIONS	210,773	„ 26 to 30 „	125,072
3. OUT-PATIENTS :		„ 31 to 35 „	115,337
I.—Incurable (1)	816	„ 36 to 40 „	103,363
II.—Postponed	62,816	„ 41 to 45 „	95,253
III.—Tickets issued, i.e. new cases	1,445,921	„ 46 to 50 „	72,665
IV.—Old cases	5,698,972	„ 51 to 55 „	70,474
V.—Visits made by patients to hospital for treatment... ..	7,208,525	„ 56 to 60 „	43,334
VI.—Average number of visits made to hospital by each patient under regular treatment... ..	4.9	„ 61 to 65 „	31,427
VII.—Discharges :		„ 66 to 70 „	19,042
(a) Cured	413,827	Over 70 years	10,017
(b) Relieved	301,450	TOTAL (equal tickets issued)...	1,445,921
(c) Incurable (2)	5,611		
(d) Spontaneously ceased to attend after having attended only once	127,011	XII.—Origin of patients :	
(e) Spontaneously ceased to attend after having attended more than once	191,577	Patients from :	
VIII.—Trichiasis cases seen among new out-patients :		(a) Town in which hospital is situated	744,018
(a) No previous operation having been performed	53,643	(b) Markaz in which hospital is situated	520,327
(b) Previous operation performed unsuccessfully (not at an Ophthalmic Hospital, but probably by some charlatan).	3,705	(c) Other Markazes of same Mudiriya	115,080
		(d) Other Mudiriyas or Governorates	66,496
		TOTAL (equal tickets issued)...	1,445,927

TABLE 2.—WORK DONE

Ametropia :		Eyelids :	
Hypermetropia	1,893	Pediculus ciliaris	4,014
Myopia	2,852	Trichiasis and entropion	57,649
Astigmatism	1,922	Distichiasis	99
Presbyopia	19,674	Ectropion	1,258
Conjunctiva :		Lagophthalmos	1,903
Conjunctivitis, Gonococcal	95,116	Blepharitis... ..	137,199
„ Morax-Axenfeld	18,363	Hordeolum	4,042
„ Koch-Weeks	59,405	Wart	806
„ Pneumococcal	9,050	Chalazion	5,761
„ Diphtheritic	234	Eczema	4,225
„ Membranous	605	Rodent ulcer	62
„ other organisms or negative and unclassified	105,369	Dermoid	72
Trachoma 1	121,603	Ptosis	959
„ 2 a	61,114	Erysipelas	3
„ 2 b'	28,062	Herpes	98
„ 2 b''	20,720	Chancre	3
„ 2 c	11,979	Epithelioma	9
„ 3 including post-tracho- matous degeneration	748,047	Other tumours	99
„ 4 including post-tracho- matous degeneration	95,159	Leucodermia	84
Phlyctenule	73,749	Injuries and abscesses	2,819
Pterygium	8,181	Lacrimal Apparatus :	
Pinguecula	8,205	Lacrimal fistula	403
Xerosis	6,451	Stenosis of the duct	551
Symblepharon	500	Dacryocystitis, acute	462
Dermoid	52	Dacryocystitis, chronic	5,128
Other conditions :		Cyst of lacrimal gland	99
Argyrosis	3,619	Cornea :	
Colloid & hyaline degeneration	346	Ulceration, simple	5,141
Hypertrophied caruncle	779	„ hypopyon	3,387
Injuries (foreign bodies, burn, etc.).	1,812	„ perforation	9,430
Cyst	446	„ special forms	1,891
Fibroma	27	Pannus	63,067

TABLE 2 (*continued*)—WORK DONE

Cornea (<i>continued</i>):				Disseminated choroiditis 18			
Keratitis, interstitial	633	Choroido-retinitis 29					
„ trachomatous	8,942	Atrophy of choroid 144					
Nebula or Leucoma... ..	322,664	Tumours —					
Adherent Leucoma	37,295	Albinismus 52					
Totally opaque cornea	11,456	Retina :					
Staphyloma	6,882	Retinitis, albuminuric & diabetic ... 15					
Xerosis of Cornea	2,471	„ syphilitic 10					
Abscess of Cornea	141	„ pigmentosa... .. 28					
Conical Cornea (congenital)	141	Detachment of retina 92					
Keratiectasia	1,967	Embolism and thrombosis of retinal vessels 11					
Injuries (burn, foreign bodies, etc.).	3,704	Glioma 3					
Limbus :				Other conditions 5			
Tumours	11	Night blindness (in which retinitis pigmentosa is absent) 447					
Dermoid	187	Optic Nerve :					
Epithelioma	51	Neuritis 41					
Iris :				Atrophy (see table of causes of optic atrophy) 138			
Anterior Synechia	4,229	Opaquenerve fibres 15					
Posterior Synechia	4,178	Other conditions 3					
Inflammation	1,373	Lens :					
Iris bombé	66	Cataract, senile 3,588					
Irido-dialysis	48	„ soft 382					
Congenital coloboma	34	„ traumatic 144					
Aniridia	—	„ lamellar 33					
Persistent pupillary membrane ...	48	„ anterior polar 1,384					
Iridodonesis	706	„ posterior polar 99					
Various	100	„ dislocated, traumatic 107					
Sclerotic :				„ „ operative 23			
Ciliary staphyloma	1,914	„ „ congenital 12					
Episcleritis	92	Aphakia 1,548					
Injuries	78	Secondary cataract 603					
Choroid :				Ectopia Lentis 5			
Coloboma	61						
Rupture	2						

TABLE 2. (concluded)—WORK DONE.

Vitreous :		Globe :	
		Shrunken globe... ..	14,821
Opacities	404	Buphthalmos	66
Foreign bodies	14	Exophthalmic goitre	8
Muscles :		Panophthalmitis	291
		Microphthalmos	13
Strabismus, alternating	1,833	Anophthalmos	2
„ convergent	18,273	Injury	98
„ divergent	14,197	Orbit :	
Heterophoria	303	Tumours	9
Nystagmus	2,156	Cellulitis	31
Paralysis	42	Tenonitis	5
Glaucoma :		Periostitis	4
		Injuries	319
Primary, acute	356	Cyst, frontal	—
„ sub-acute	1,144	Cyst, ethmoidal	—
„ chronic	3,526	Contracted socket	85
Secondary	6,801	Fly-blown	21

TABLE 3.—CAUSES OF OPTIC ATROPHY

OPTIC ATROPHY :			
A.—(1) Primary :		(b) Acute fevers (including syphilis & rheumatism)	27
The spinal diseases causing the condition are :		(c) Intoxications (alcohol, lead).	2
G.P. 1	2	(d) Nervous diseases (disseminated sclerosis, chronic retro-bulbar neuritis may be caused by tobacco, alcohol, diabetes iodoform, opium) etc.	1
Tabes	9		
Disseminated sclerosis	—	B.—Post-neuritic :	
Lateral sclerosis	—	The causes of optic neuritis, all of which may be followed by post neuritis, atrophy, are as follows :	
Spastic paraplegia	—	(a) Sepsis (dental, periostitis, middle ear accessory sinuses) ...	7
Lebers hereditary optic atrophy	—	(b) Acute fevers (including syphilis and rheumatism)	22
Congenital optic atrophy	1	(c) Intoxications (kidney disease and diabetes, alcohol, felix-max)	1
Unknown	28	(d) Nervous diseases : Diss. sclerosis, G.P. 1., epilepsy...	—
It may also be caused by :—		(e) Anaemia	7
Arterio-sclerosis	6	(f) Unknown	15
(2) Compression of the optic chiasma	1		
(3) Retro-bulbar Neuritis :			
The acute form causes atrophy of the optic nerve primary in type, not infrequently :			
(a) Sepsis (dental, periostitis middle ear' accessory sinuses) ...	9	TOTAL : (equal Atrophy) ...	138

TABLE 4.—LIST OF OPERATIONS

<i>Eyelids :</i>				<i>Cornea :</i>			
For trichiasis & entropion :				Foreign body removed (minor)			
Snellen's	...	...	49,961	Seamisch's section	...	...	106
Anagnostakis	...	...	20	Cautery	...	...	318
Conthoplasty	...	...	1,288	Various	...	...	100
Snellen-Anagnostakis	...	...	32	<i>Iris :</i>			
Grafting mucous membrane	...	...	2,886	Iridectomy for adherent leucoma			
Electrolysis (minor)	...	...	2,382	,, visual			
Excision of lash (minor)	...	...	1,939	,, for glaucoma			
Other operations	...	...	341	,, preliminary for cataract			
For Ectropion :				Cystoid cicatrix			
Plastic	...	...	31	Division of anterior synechia			
Mac Callan's	...	...	—	Various			
Kenneth Scott's	...	...	2	<i>Lacrimal Sac :</i>			
Kuhnt's	...	...	21	Excision			
Other operations	...	...	28	Various (minor)			
For ptosis	...	...	26	<i>Lens :</i>			
For symblepharon	...	...	66	For senile cataract :			
For hordeolum and chalazion (minor)	...	...	5,215	Extraction with iridectomy			
Cyst removed	...	...	246	,, after previous iridectomy			
Wart excised (minor)	...	...	332	For membrane after extraction :			
Restitching wounds (minor)	...	...	99	Discission			
Opening abscesses (minor)	...	...	1,318	For soft cataract :			
Various...	...	...	344	Extraction			
<i>Conjunctiva :</i>				Discission			
For trachoma :				Curette evacuation			
Expression or Mechanical Treatment (minor)	...	...	71,360	Paracentesis			
Combined excision of Heisrath...	...	...	1,601	For membrane after evacuation :—			
Post-trachomatous degeneration (minor)	...	...	48,999	Discission			
Other operations	{ minor	...	1,280	Capsulotomy			
	{ major	...	232				
Pterygium	...	...	4,275				

TABLE 4. (*continued*)—LIST OF OPERATIONS

<i>Globe :</i>		For dermoid	9
		For cellulitis	15
Trephining of cornea-sclera with iridectomy	584	For cyst, frontal	1
Trephining	175	„ ethmoidal	—
Excision	186	Tenotomy and advancement ...	5
Evisceration	213	Other major operations	13
Paracentesis	320	Trial with magnet :—	
<i>Orbit :</i>		Positive	6
		Negative	6
Exenteration	29	TOTAL : total number of major and minor operations page (3) ...	210,773
For tumour	7		

TABLE 5.—NUMBER OF NEW PATIENTS TREATED AT ALL OPHTHALMIC HOSPITALS
DURING 1950

Hospitals				Number	Hospitals				Number	Hospitals				Number
No.	1	...	...	3,3780	Kafr el-Sheikh	...	10,023	El Fashn	...	12,683				
„	2	...	...	4,477	Manshat Sabry	...	8,122	El Baliana	...	12,865				
„	3	...	...	26,972	El Khalifa	...	51,705	Qous	...	6,981				
„	4	...	...	6,279	Zefta	...	11,705	Shubrakhît	...	2,228				
„	5	...	...	13,280	Tahta	...	15,031	Ekhnim	...	10,457				
„	6	...	...	5,691	Manfalout	...	12,040	Naga-Hammadi	...	3,164				
„	7	...	...	39,801	Sennoures	...	14,435	Beba	...	11,842				
„	8	...	...	5,463	Abou Kebir	...	7,384	Kafr el-Dawar	...	9,770				
„	9	...	...	18,135	Damietta	...	12,278	Dishna	...	5,700				
„	10	...	...	7,732	Suez	...	28,740	El Badary	...	9,879				
„	11	...	...	8,689	Kom Hamada	...	5,837	Samannud	...	13,181				
„	12	...	...	6,928	Mallawi	...	14,149	Bani Mazar	...	11,898				
„	13	...	...	7,446	Mit Ghamr	...	11,162	Sahel Seleem	...	6,985				
„	14	...	...	5,138	El Fikria	...	18,639	Ismailia...	...	15,608				
„	15	...	...	4,204	Asswan	...	11,010	Faraskur	...	6,596				
Tanta	...	...	...	28,515	El Tieba	...	12,395	Minia el-Qamh	...	10,461				
Assiut	...	...	...	15,152	Esna	...	9,520	Abou Teeg...	...	7,931				
El Mansoura	...	...	...	22,778	Desouk	...	10,975	El Ayat	...	7,709				
Bani-Suef	...	...	...	28,918	Luxor	...	12,595	Dekerness	...	8,466				
El Zagazig	...	...	...	15,289	Kafr el-Zayat	...	18,555	Aga	...	5,328				
Damanhour	...	...	...	14,234	Fouwa...	...	6,666	Tema	...	11,555				
Shibin el-Kome	...	...	...	20,979	Ashmoun	...	10,534	Bulaq	...	29,437				
Souhag	...	...	...	13,331	Menouf	...	14,642	El Bagour...	...	2,142				
El Minia	...	...	...	14,625	Tala	...	8,726	Sobk	...	4,047				
El Fayum	...	...	...	16,659	Rosetta	...	7,121	Etsa	...	9,327				
Banha	...	...	...	15,297	Faqous	...	9,045	Zawiet el-Naoura	...	2,085				
Port Said	...	...	...	45,924	Girga	...	18,420	El Arish	...	1,247				
Qena	...	...	...	17,384	El Delingat	...	4,527	Inshas	...	8,840				
El Giza	...	...	...	60,856	El Saff	...	8,335	Qalioub	...	20,703				
Maghagha	...	...	...	17,871	Edfo	...	5,943	Kom-Ombo	...	6,999				
Rod el-Farag	...	...	...	78,183	Shirbin	...	8,678	El Mataâna	...	1,674				
El Mataria...	...	...	...	26,354	El Senbellawein	...	8,557	Bab el-Shaaria	...	25,352				
El Santa	...	...	...	9,698	El Wasta	...	8,393	Etag el-Baroud	...	905				
El Mahalla el-Kobra	...	...	...	12,166	Deircut	...	10,728	Bahoot	...	440				
Edfina	...	...	...	4,703	Shebin el-Qanater	...	7,391							
Samallout	...	...	...	17,979	Belbeis	...	8,160							
														1.445.921

TABLE 6.—NUMBER OF OPERATIONS PERFORMED AT ALL OPHTHALMIC HOSPITALS
DURING 1950

Hospitals		Hospitals		Hospitals	
Number		Number		Number	
No. 1... ..	4,947	Kafr el-Sheikh ...	2,839	El Fashn	2,055
„ 2... ..	950	Manshat Sabry ...	1,218	El Baliana	2,646
„ 3... ..	2,324	El Khalifa	3,162	Qous	1,087
„ 4... ..	1,010	Zefta	1,899	Shubrakhît	773
„ 5... ..	2,140	Tahta	2,408	Ekhmim	2,107
„ 6... ..	1,403	Manfalout	1,440	Naga-Hammadi ...	1,275
„ 7... ..	1,511	Sennoures	3,077	Beba	2,483
„ 8... ..	721	Abu Kebir	1,316	Kafr el-Dawar ...	2,440
„ 9... ..	1,109	Damietta	2,194	Dishna	1,166
„ 10... ..	1,020	Suez	1,593	El Badary	1,334
„ 11... ..	1,763	Kom Hamada	1,133	Samannud	1,371
„ 12... ..	1,856	Mallawi	2,221	Bani Mazar	1,657
„ 13... ..	1,764	Mit Ghamr	3,585	Sahil Seleem	515
„ 14... ..	1,413	El Fikria	2,306	Ismailia	1,664
„ 15... ..	1,615	Asswan	1,078	Faraskour	1,203
Tanta	4,377	El Tieba	751	Minia el-Qamh ...	2,117
Assiout	3,512	Esna	2,017	Abou Teeg... ..	2,026
El Mansoura	2,871	Desouk	2,011	El Ayat	1,214
Bani-Suef	4,312	Luxor	3,265	Dekerness	1,400
El-Zagazig	1,376	Kafr el-Zayat	2,114	Aga	1,045
Damanhour	3,310	Fouwa	993	Tema	3,355
Shebin el Kome ...	4,414	Ashmoun	2,386	Bulaq	3,216
Souhag	3,215	Mencuf	2,357	El Bagour	—
El Minia	1,634	Tala	2,750	Sobk	346
El-Fayum	2,421	Rosetta	281	Etsa	888
Banha	1,600	Faqous	6,581	Zawiet el Naoura ...	578
Port Said	3,086	Girga	5,123	El Arish	—
Qena	2,151	El Delingat	1,274	Jnshas	1,285
El Giza	7,414	El Saff	763	Qalioub	2,532
Maghagha	1,296	Edfo	434	Kom-Ombo	914
Rod el-Farag	5,896	Sherbin	1,185	El Mataâna	—
El Mataria... ..	3,946	El Senbellawein ...	1,955	Bab el-Shaaria	2,891
El Santa	2,046	El Wasta	1,359	Etay el-Baroud ...	167
El Mahalla El Kobra	2,051	Dairout	1,455	Bahoot	96
Edfina	621	Shebin el-Qanater	2,090		
Samallout	1,968	Belbeis	2,043		
					210,773

TABLE 7.—NEW PATIENTS TREATED
ACCORDING TO THE AGE AT WHICH THEY
SOUGHT TREATMENT DURING 1950

Age	Numbers
Under one year	87,685
From 1 to 5 years	171,454
„ 6 „ 10 „	87,133
„ 11 „ 15 „	139,853
„ 16 „ 20 „	121,039
„ 21 „ 25 „	126,773
„ 26 „ 30 „	125,072
„ 31 „ 35 „	115,337
„ 36 „ 40 „	133,363
„ 41 „ 45 „	90,253
„ 46 „ 50 „	73,665
„ 51 „ 55 „	70,474
„ 56 „ 60 „	43,334
„ 61 „ 65 „	31,427
„ 66 „ 70 „	19,042
Over 70 years	10,017
TOTAL	1,445,921

TABLE 8.—NEW PATIENTS TREATED PER MONTH

Month	Number
January	73,983
February	74,865
March	88,390
April	121,965
May	142,876
June	154,620
July	161,845
August	164,930
September	161,534
October	141,415
November	78,782
December	80,716
TOTAL	1,445,921

TABLE 9.—AVERAGE TEMPERATURE: THE AVERAGE TEMPERATURE WAS ARRIVED AT BY TAKING ONE PLACE IN LOWER EGYPT (GEMMEIZA), ONE PLACE IN CAIRO (GIZA) AND ONE PLACE IN UPPER EGYPT (ASSIUT) AND OBTAINING AN AVERAGE FIGURE FROM THE MEAN TEMPERATURE AT EACH PLACE ON EACH MONTH.

Month	Gemmeiza	Giza	Assiut	Average
January	10·5	11·1	11	10·9
February	10·6	11·7	12·4	11·6
March	14·5	16	16·6	15·7
April	19·6	21·9	23	21·5
May	21·6	23·5	25·2	23·5
June	25	26·6	27·8	26·3
July	26·6	28	29	27·9
August	26·1	27	28·2	27·1
September	24·6	25·6	26·4	25·5
October	20·9	22·2	23·2	22·1
November	17·4	17·6	17·9	17·6
December	14·1	14·3	15·4	14·6

TABLE 10.—SYNOPSIS OF WORK AT ALL OPHTHALMIC HOSPITALS DURING 1950

	1949	1950
<i>Hospitals in existence :</i>		
Travelling	15	15
Permanent	87	91
New patients treated	1,287,666	1,445,921
Total attendance of out-patients	6,774,156	7,208,525
Operations performed	207,190	210,773
In-patients	34,185	35,449
<i>Details :</i>		
Patients examined	1,331,904	1,554,063
Patients regularly treated	1,117,584	5,698,972
Incurable cases... ..	1,504	816
Blind in one eye	34,819	34,961
Blind both eyes	6,415	6,328
Trichiasis cases examined	56,571	57,649
Trichiasis eyes operated on and cured	53,281	54,528

TABLE 12.—TOTAL PERCENTAGE OF BLINDNESS IN ONE OR BOTH EYES

Hospital	1949	1950	Hospital	1949	1950	Hospital	1949	1950
No. 1	2.47	2.4	Kafr el-Sheikh ...	4.67	4.6	Fashn	3.3	2.7
„ 2	2.94	2.6	Minshat Sabry ...	7.57	2.1	Baliana	2.1	3.0
„ 3	—	4.3	El Khalifa	4.9	3.2	Qous	3.0	4.3
„ 4	2.2	2.1	Zefta	3.87	3.7	Shoubrakheet ...	3.4	3.0
„ 5	8.09	3.42	Tahta	4.9	2.6	Akhmim	2.9	2.7
„ 6	3.04	2.9	Manfalout	3.6	4.6	Naga-Hammadi...	2.7	2.7
„ 7	3.6	3.7	Sinnures	2.6	2.4	Beba	4.9	4.9
„ 8	3.71	2.6	Abu-Kebir	2.85	0.7	Kafr el-Dawar ...	5.1	5.1
„ 9	—	0.13	Damietta	3.57	3.3	Dishna	2.5	4.6
„ 10	2.45	1.4	Suez	1.54	2.02	Badari	4.6	3.6
„ 11	2.1	3.9	Kom Hamada ...	8.5	6.7	Samannoud ...	1.3	1.3
„ 12	5.2	2.3	Mallawi	3.66	3.7	Bani Mazaar ...	2.1	1.4
„ 13	5.04	1.8	Mit Ghamr	1.84	1.8	Sahel Selim ...	1.8	2.9
„ 14	3.49	4.9	El-Fikriya	3.43	3.1	Ismailia	3.8	3.8
„ 15	6.52	2.2	Asswan	2.0	2.2	Fareskour	1.7	3.1
Tanta	2.47	2.5	Taïba	1.08	0.8	Minia el-Qamh ...	2.4	2.4
Assiut	2.53	3.0	Esna	4.6	3.2	Abou-Tig	4.5	5.0
Mansoura	2.22	2.5	Disouq	2.8	2.5	Ayat	1.1	2.9
Beni-Suef	3.2	2.7	Luxor	4.00	3.6	Dekernis	2.0	2.8
Zagazig	1.86	1.8	Kafr el-Zayat ...	3.66	3.2	Aga	2.3	2.5
Damanhour ...	5.28	4.4	Fuwa	3.2	2.5	Tema	3.1	2.9
Shebin el-Kom ...	3.08	3.1	Ashmoun	4.49	4.1	Boulaq	1.3	1.2
Souhag	3.73	3.3	Minouf	3.6	3.6	Bagour	3.7	4.2
Minia	1.23	1	Tala	6.02	3.9	Sobk el-Dahaak...	6.2	0.3
Benha	2.65	2.02	Rosetta	1.9	2.05	Itsa	4.4	3.2
Port Said	1.66	1.2	Faqous	5.4	4.7	Zawyet-el-Naoura	—	—
Qena	1.72	1.6	Girga	3.76	3.8	El-Arish	—	—
Giza	2.74	2.7	Dilingat	4.6	4.2	Inshas	1.3	1.4
Maghagha	3.28	2.9	Saff	3.7	3.4	Qalyoub	1.1	0.8
Rod el-Farag ...	3.69	3.6	Edfou	5.1	2.3	Kom Ombo ...	4.1	4.4
Mataria	1.87	1.5	Sherbin	2.2	1.8	El Mataana ...	—	—
Fayoum	5.12	5.1	Sinbellawein ...	4.3	4.8	Bab el-Saaria ...	—	3.6
Santa	1.04	2.08	Wasta	2.8	2.7	Itay el-Barood ...	—	4.4
Mahalla el-Kobra	2.52	2.3	Dayrout	1.6	1.6	Bahoet	—	—
Edfina	1.2	1.6	Shebin-el-Qanater	3.6	3.6			
Samallout	3.8	3.8	Belbeis	5.2	4.4			

TABLE 13.—BLINDNESS AMONG OUT-PATIENTS SINCE 1909 TO 1950

Year	Total Number of Patients examined	One Eye including Cataract Cases		Both Eyes including Cataract Cases		One Eye and both Eyes including Cataract Cases		One Eye excluding Cataract Cases		Both Eyes excluding Cataract Cases		One Eye and both Eyes excluding Cataract Cases	
		Number	Per cent	Number	Per cent	Number	Per cent	Number	Per cent	Number	Per cent	Number	Per cent
1909...	22,373	2,116	9.4	1,385	6.1	3,501	15.9	—	—	—	—	—	—
1910...	65,506	3,438	9.5	2,010	7.8	4,447	17.4	—	—	—	—	—	—
1911...	31,274	3,196	10.2	2,811	8.9	6,007	19.2	—	—	—	—	—	—
1912...	43,668	4,110	9.4	2,824	6.4	6,939	15.2	—	—	—	—	—	—
1913...	62,233	5,361	8.6	3,878	6.2	9,238	14.8	—	—	—	—	—	—
1914...	75,398	6,420	8.0	3,591	4.8	10,016	13.2	—	—	—	—	—	—
1915...	71,930	5,637	7.8	2,992	4.2	8,629	12.0	—	—	—	—	—	—
1916...	94,447	7,042	7.4	3,504	3.7	10,546	11.2	—	—	—	—	—	—
1917...	100,410	9,285	9.3	4,611	4.6	12,996	13.9	—	—	—	—	—	—
1918...	90,668	8,969	9.9	4,261	4.7	13,230	14.6	—	—	—	—	—	—
1919...	83,577	8,537	10.2	4,278	5.1	12,815	15.3	—	—	—	—	—	—
1920...	108,113	9,833	9.1	5,154	4.7	14,987	13.8	—	—	—	—	—	—
1921...	127,223	10,566	8.3	5,053	3.9	15,619	12.2	—	—	—	—	—	—
1922...	147,492	12,524	8.0	4,858	3.3	17,374	11.8	—	—	—	—	—	—
1923...	174,004	14,394	8.3	5,146	2.9	19,540	11.2	—	—	—	—	—	—
1924...	206,342	46,535	8.0	5,716	2.4	22,251	10.8	—	—	—	—	—	—
1925...	246,771	19,422	7.9	6,137	2.5	25,559	10.4	—	—	—	—	—	—
1926...	283,602	21,979	7.7	6,702	2.6	28,681	10.1	—	—	—	—	—	—
1927...	261,577	26,591	7.4	8,689	2.4	35,280	9.8	—	—	—	—	—	—

[illegible]

TABLE 14.—YEARLY PERCENTAGE OF BLINDNESS AMONG OPHTHALMIC
HOSPITALS, PATIENTS SINCE THE YEAR 1909 TO 1950

Year	Percentage of blindness in one or both eyes including cataract cases	Percentage of blindness in one or both eyes excluding cataract cases	Year	Percentage of blindness in one or both eyes including cataract cases	Percentage of blindness in one or both eyes excluding cataract cases
1909	15·6	—	1930... ..	8·4	—
1910	17·4	—	1931... ..	7·3	6·9
1911	19·2	—	1932... ..	6·9	6·5
1912	15·2	—	1933... ..	6·7	6·4
1913	14·8	—	1934... ..	6·2	5·9
1914	13·2	—	1935... ..	6·0	5·7
1915	12·0	—	1936... ..	5·7	5·7
1916	11·2	—	1937... ..	5·8	5·5
1917	13·9	—	1938... ..	5·9	5·5
1918	14·6	—	1939... ..	4·6	4·5
1919	15·3	—	1940... ..	4·4	4·2
1920	13·8	—	1941... ..	4·1	3·9
1921	12·2	—	1942... ..	4·1	3·9
1922	1·8	—	1943... ..	4·2	4·0
1923	11·2	—	1944... ..	3·9	3·7
1924	10·8	—	1945... ..	3·9	3·7
1925	10·4	—	1946... ..	3·9	3·6
1926	10·1	—	1947... ..	3·6	3·3
1927	9·8	—	1948... ..	3·4	3·2
1928	9·3	—	1949... ..	3·0	2·8
1929	8·4	—	1950... ..	2·7	2·5

TABLE 15.—INCIDENCE OF PRIMARY GLAUCOMA DURING 1950

Varieties	1950
Acute	355
Sub-acute	1,144
Chronic	3,526
TOTAL	5,025
Total number of patients examined	1,554,063
Percent of glaucoma cases	0·36
Percent of absolute glaucoma cases	0·13
Operations :	
Iridectomy	599
Trephining with iridectomy	584
Including absolute monocular and binocular	1,957

TABLE 16.—INCIDENCE OF PRIMARY GLAUCOMA DURING 1938—1950.

VARIETIES	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950
Acute	218	276	210	156	104	145	184	218	198	236	477	522	355
Sub-acute	769	882	1,320	528	1,653	792	967	1,251	1,187	1,127	1,234	1,259	1,144
Chronic	7,975	7,068	6,622	5,849	4,989	4,319	4,339	4,200	4,191	3,652	4,513	3,625	3,526
TOTAL	8,962	8,226	7,852	7,533	6,746	5,256	5,490	5,669	5,576	5,015	6,224	5,406	5,025
Total number of patients examined	1,356,116	1,539,717	1,623,890	1,431,858	1,466,616	1,256,641	1,303,249	1,286,726	1,298,280	1,154,488	1,241,998	1,331,904	1,554,063
Percent of glaucoma cases of absolute glaucoma	0.66	0.53	0.48	0.52	0.45	0.42	0.42	0.44	0.43	0.43	0.35	0.4	0.36
Operations :	0.29	0.26	0.23	0.25	0.22	0.19	0.11	0.17	1.18	0.18	0.2	0.16	0.13
Iridectomy	1,734	1,852	1,671	166	1,587	1,077	1,082	1,074	944	944	614	571	599
Trephining with iridectomy	1,451	1,522	1,512	1,382	1,289	1,100	1,144	1,029	922	922	659	756	584

TABLE 17.—TISSUES HARDENED. SECTIONS CUT AND EXAMINED MICROSCOPICALLY AT THE MEMORIAL OPHTHALMIC LABORATORY, GIZA, DURING 1950.

Lids and eyebrow :		Lens :	
Inflammations	2	Degeneration	—
Tumours {	Benign, including cysts	Cataract	4
	Malignant	Dislocation	—
Conjunctiva :		Choroid :	
Foreign body	—	Inflammation	—
Inflammations	6	Degeneration, including ossification	4
Bilharzia	—	Injury	—
Degeneration	21	Tumours, malignant	—
Tumours {	Benign, including cysts	Detachment	1
	Malignant		
Limbus :		Vitreous :	
Inflammation	—	Other conditions	—
Tuberculosis	—		
Tumours {	Benign, including cysts	Retina and Optic Nerve :	
	Malignant	Detachment	8
		Inflammation	—
		Degeneration	14
Cornea :		Tumours {	Benign
Wounds	6		Malignant
Inflammation, including ulceration	3		
Degeneration	4	Orbit :	
Staphyloma	7	Gumma	—
Tumours {	Benign	Inflammation	2
	Malignant		
Sclerotic :		Tumours {	Benign, including cysts
Wounds	1		Malignant
Inflammations	—		
Tumours {	Benign	Other animals (horses, mules and donkeys)	—
	Malignant	Smears from conjunctiva	579
		Mantoux test	83
Iris and ciliary body :		Lacrimal Glands :	
Wounds	1	Degeneration	—
Inflammations	1	Inflammation	1
Degeneration	3	Tumours {	Benign, including cysts
Tumours {	Benign, including cysts		Malignant
	Malignant		

TABLE 17 (contd.).—TISSUES HARDENED. SECTIONS CUT AND EXAMINED MICROSCOPICALLY
AT THE MEMORIAL OPHTHALMIC LABORATORY GIZA, DURING 1950.

Lacrimonal Sac Canaliculi :		Endogenous	—
Degeneration	—	Phthisis bulbi :	
Argyrosis	—	Causes undetermined	—
Inflammation	2	Trauma	1
Tumours	2	Inflammation	—
Glaucoma :		Post operative	1
Primary	2	Fly blown orbit	6
Secondary inflammation indo-cyc-		Unclassified	23
litis	—	Undetermined	—
Anterior synechia or adh. leucoma	5	Examination of cells :	
Luxation of lens	—	Eosinophilia { Positive	127
Retina and choroid... ..	—	{ Negative	92
Infantile	—	Special bacteriological examination	
Porophtalmatitis and endophtal-		(smears not included)	264
mitis :		Exam. of blood, urine and faeces ...	46
Endophtalmatitis	2		
Exogenous	1	GRAND TOTAL	1,471

TABLE 18.—WASSERMAN TEST

Positive	287
Negative	4
Doubtful	1,939
Unfit	188
Anticomplementary	—
TOTAL	2,418

TABLE 19.—RESULT OF EXAMINATION OF
DIPHTHERIA SPECIMENS

Positive	7
Negative	—
Overgrown	—
Sterile	—
Unfit	—
TOTAL	7

TABLE 20.—NUMBER OF BEDS AT ALL OPHTHALMIC HOSPITALS DURING 1950.

Hospital	Number of Beds	Hospital	Number of Beds	Hospital	Number of Beds
No. 1... ..	32	Minshat Sabri	12	Qous	12
„ 2... ..	30	El Khalifa	16	Shubrakhit	12
„ 3... ..	21	Zefta	2	Akhmim	12
„ 4... ..	30	Tahta	30	Naga Hammadi ...	14
„ 5... ..	15	Manfalut	28	Beba	12
„ 6... ..	30	Sinnures	30	Kafr el Dawar'... ..	8
„ 7... ..	30	Abu-Kebir	30	Deshna	12
„ 8... ..	30	Damietta	35	Badari	10
„ 9... ..	30	Suez	25	Samannud	10
„ 10... ..	20	Kom Hamada	11	Bani Mazar	14
„ 11... ..	30	Mallawi	20	Sahel Selim	8
„ 12... ..	30	Mit Ghamr... ..	12	Ismailia	12
„ 13... ..	30	Fikriya	13	Faraskur	8
„ 14... ..	30	Aswan	25	Minia el Qamh... ..	8
„ 15... ..	30	Taiba	15	Abu Tig	12
Tanta	43	Esna	23	Ayyat	20
Assiut	55	Disuq	12	Dekernis	12
Mansura	78	Luxor	25	Aga	8
Beni-Suef	89	Kafr el Zayat	8	Tema	21
Zagazig	36	Fuwa	6	Bulaq	6
Damanhour	31	Ashmoun	12	Bagour	—
Shibin el Kom	27	Minuf	16	Sobk	—
Suhag	23	Tala	12	Itsa	11
Minia	25	Rosetta	12	Zawiet el Naoura ...	8
Fayoum	51	Faqus	12	Arish	—
Benha	81	Girga	12	Anshas	20
Port Said	56	Dilingat	12	Qalyub	24
Qena	31	Saff	12	Kom Ombo	6
Gîza	68	Edfu	14	Mataara	—
Maghagha	17	Sherbin	12	Bab el Shaaria	6
Rod el Farag	149	Senbellawein	12	Etag el Baroad... ..	—
Mataria	24	Wasta	12	Bahoot	—
Santa	10	Deirut	12		
Mahalla el Kobra ...	12	Shebin el Qanater ...	12	3rd Class	2,299
Edfina	40	Belbeis	12	1st and 2nd Class	13
Samallout	21	El Fashn	12		
Kafr el Sheikh... ..	30	Baliana	12	TOTAL	2,309

TABLE 21.—COST OF UNIFORM DIETS FOR ALL IN-PATIENTS AT OPHTHALMIC HOSPITALS DURING 1950, EXCLUDING COST OF RATIONS OF EMPLOYEES

Hospital				Number of Diets issued	Total Cost	Cost per day per Head	Hospital				Number of Diets issued	Total Cost	Cost per day per Head
No.	1...	...	...	8,850	855	68	Fayum	...	...	...	16,280	960	59
,,	2...	...	...	4,425	290	65	Benha	...	...	...	17,128	1,348	78
,,	3...	...	...	4,283	345	83	Port Said	...	...	...	14,598	1,148	78
,,	4...	...	...	3,729	332	88	Qena	...	...	...	6,348	349	55
,,	5...	...	...	4,347	287	66	Giza	...	...	...	23,265	1,582	68
,,	6...	...	...	3,784	350	66	Maghagha	...	...	...	4,438	302	68
,,	7...	...	...	5,317	271	51	Rod el Farag	...	...	...	44,163	3,281	71
,,	8...	...	...	3,579	260	72	Mataria	...	...	...	7,925	682	86
,,	9...	...	...	4,286	287	67	Santa	...	...	...	3,849	418	108
,,	10...	...	...	2,882	177	61	Mehalla el Kobra	...	...	...	3,146	490	155
,,	11...	...	...	3,418	215	63	Idfina	...	...	...	5,098	316	62
,,	12...	...	...	2,437	193	60	Samallut	...	...	...	7,135	396	55
,,	13...	...	...	6,405	386	60	Kafr el Sheikh	...	...	...	8,631	518	60
,,	14...	...	...	4,984	324	65	Minshat Sabry	...	...	...	3,974	218	55
,,	15...	...	...	1,404	81	58	Khalifa	...	...	...	5,699	370	65
Tanta	...	...	...	12,015	752	63	Zifta	...	...	...	690	45	66
Assiut	...	...	...	16,420	1,068	65	Tahta	...	...	...	9,030	470	52
Mansura	...	...	...	18,962	1,068	56	Manfalut	...	...	...	7,429	416	56
Beni Suef	...	...	...	25,110	1,812	72	Qaliub	...	...	...	6,585	598	61
Zagazig	...	...	...	9,550	625	65	Kom Ombo	...	...	...	1,825	109	60
Damanhur	...	...	...	10,208	530	52	Sinnoures	...	...	...	10,769	602	61
Shebin el Kom	...	...	...	8,457	524	62	Abu Kebir	...	...	...	3,243	803	247
Suhag	...	...	...	8,430	463	54	Tema	...	...	...	6,281	612	81
Minia	...	...	...	6,242	396	62	TOTAL	...	...	...	397,061	27,722	69

SCALE OF FULL DIET AS GIVEN TO ALL IN-PATIENTS AT ALL OPHTHALMIC HOSPITALS

						Grs.							Grs.
Bread	...	...	...	...	...	450	Milk	...	...	...	...	...	200
Beef	...	...	...	...	...	150	Butter	...	...	...	...	...	15
Vegetables	...	...	...	...	...	150	Sugar	...	...	...	...	...	30
Lentils	...	...	...	...	...	75	Salt	...	...	...	...	...	20
Rice	...	...	...	...	...	75							

TABLE 22.—ACTUAL EXPENDITURE :
(A) GENERAL ADMINISTRATION

	L.E.
Pensionable staff	8,219
Hors cadre staff	800
Transport, transfer and travelling allowance	193
Telephones	—
TOTAL	9,212

TABLE 23.—ACTUAL EXPENDITURE :
(B) GOVERNMENT OPHTHALMIC HOSPITALS

Chapter	Total actual Expenditure
	L.E.
Pensionable staff	65,724
Hors cadre staff	83,164
Transport, transfer and travelling allowance	1,477
Food	35,503
Forage... ..	—
Water	2,382
Light	1,012
Disposal of sewage	153
Fuel	1,781
Rent	180
Telegrams and Telephones	34
Stores :	
General Equipment	7,693
Surgical	2,188
Surgical Equipment	1,829
„ Instrument	5,906
Drugs	1,994
Dressings	632
Petty expenses	1,169
TOTAL	211,821

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